

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11)Publication number: **60104076 A**(43)Date of publication of  
application: 08. 06 . 85(51)Int. Cl **C07D273/04**  
**// C09D 11/00**(21)Application number: **58211298**(22)Date of filing: **09 . 11 . 83**(71)Applicant: **NEOS CO LTD**(72)Inventor: **KAWABATA OSAMU**  
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(54)

**TETRAHYDRO-3-ETHYL-5-ISOBUTYL-4H-1,**  
**3,5-OXADIAZIN-4-ONE**slightly soluble in water, has high dielectric  
constant, and shows remanence at specific  
electric potential difference.

(57)Abstract:

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MATERIAL:Tetrahydro-3-ethyl-5-isobutyl-4H-1,3  
,5-oxadiazin-4-one shown by the formula.USE: An organic electrolyte. A medium for  
high-speed ink jet, solubilizer, reaction  
medium, and usable as functional fluid in  
various fields.PREPARATION: 1-Ethyl-3-isobutylurea is  
reacted with formaldehyde to give a dimethylol  
compound of 1-ethyl-3-isobutylurea, which is  
subjected to ring formation through  
dehydration to give a compound shown by the  
formula I with a few side reactions by a  
simple operation in high purity and in high  
yield. This compound is a liquid compound